**Application No.:** 10/518,776

Filing Date: December 17, 2004

## AMENDMENTS TO THE CLAIMS

1. (Currently amended) An antifungal medicinal composition, comprising: (1) a film-forming agent consisting of one or two or more selected from the group consisting of ethyl cellulose, hydroxypropyl methylcellulose phthalate, and an acrylic resin emulsion; (2) a water-soluble plasticizer in a form of a solid or a paste at 20°C at 1 atm\_consisting of a copolymer of oxyethylene and oxypropylene having 70 or more of polymerization degree, and containing a polyoxyethylene portion having a polymerization degree of 140 to 180 and a polyoxypropylene portion having a polymerization degree of 20 to 40; and (3) an antifungal compound represented by a general formula (1) and/or a physiologically acceptable salt thereof, wherein the film-forming agent is one or two or more selected from the group consisting of ethyl cellulose, hydroxypropyl methylcellulose phthalate, and an acrylic resin emulsion; and the water-soluble plasticizer is a copolymer of oxyethylene and oxypropylene having 70 or more of polymerization degree, and containing a polyoxyethylene portion having a polymerization degree of 140 to 180 and a polyoxypropylene portion having a polymerization degree of 20 to 40,

$$\begin{array}{c}
NC \\
S
\end{array}$$
 $\begin{array}{c}
S \\
R
\end{array}$ 

wherein, R represents an alkyl group having 1 to 8 carbon atoms, a cycloalkyl group having 3 to 6 carbon atoms, a methylene group, a lower alkenyl group, a halogen atom, a lower alkyl group substituted with a lower alkoxy group or a lower alkylthio group, or a group represented by a general formula (2) below

$$(2)$$

$$(R_1)_m$$

wherein, R<sub>1</sub> represents a hydrogen atom, a halogen atom, a linear- or branchedchain lower alkyl group, a lower alkoxy group, a haloalkoxy group, or a methylenedioxy group, and m represents an integral number of 1 to 3; **Application No.:** 

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wherein the content of film-forming agent in the composition is 0.1 to 10% by weight in volume, and wherein, the content of water-soluble plasticizer is 1 to 10 folds with respect to the content of the film-forming agent, and the antifungal medicinal composition forms a coating film when applied to an application target, the coating film being in a viscous glass state the coating film being maintained on a nail or skin surface at least 12 hours from drying after application, and the coating film being removable with water.

- 2. (Canceled)
- 3. (Canceled)
- 4. (Previously presented) The antifungal medicinal composition according to claim 1, wherein the film-forming agent comprises ethyl cellulose.
  - 5. (Canceled)
  - 6. (Canceled)
  - 7. (Canceled)
- 8. (Original) The antifungal medicinal composition according to claim 1, wherein the compound represented by the general formula (1) comprises (E)-[4-(2,4-dichlorophenyl)-1,3-dithiolan-2-ylidene]-1-imidazolyl acetonitrile (Compound 1).

(Compound 1)

- 9. (Original) The antifungal medicinal composition according to claim 1, further comprising a surfactant.
- 10. (Original) The antifungal medicinal composition according to claim 9, wherein the surfactant comprises an anionic surfactant.
- 11. (Original) The antifungal medicinal composition according to claim 10, wherein the anionic surfactant comprises alkyl sulfate which may have a polyoxyethylene group and/or alkyl phosphate which may have a polyoxyethylene group.

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12. (Original) The antifungal medicinal composition according to claim 1, further comprising acetone or methyl ethyl ketone as an organic solvent.

- 13. (Canceled)
- 14. (Canceled)
- 15. (Previously presented) The antifungal medicinal composition according to claim 1, wherein the antifungal medicinal composition is capable of recoating.
- 16. (Previously presented) The antifungal medicinal composition according to claim 1, wherein the coating film is removable by swelling means using an aqueous solvent and by physical scratching.
- 17. (Previously presented) The antifungal medicinal composition according to claim 1, wherein the antifungal medicinal composition is used for an extensively keratinized portion of skin or nail or a skin-thickened portion around foot as an application target.
- 18. (Currently amended) A method of producing an antifungal medicinal composition having (1) a film-forming agent consisting of one or two or more selected from the group consisting of ethyl cellulose, hydroxypropyl methylcellulose phthalate, and an acrylic resin emulsion, (2) a water-soluble plasticizer consisting of a copolymer of oxyethylene and oxypropylene, wherein the polymer or copolymer is water-soluble, has having 70 or more of polymerization degree, and contains—containing a polyoxyethylene portion having a polymerization degree of 140 to 180 and a polyoxypropylene portion having a polymerization degree of 20 to 40, and (3) an antifungal compound represented by a general formula (1) and/or a physiologically acceptable salt thereof, comprising:

dissolving alkyl sulfate which may have a polyoxyethylene group and/or alkyl phosphate which may have a polyoxyethylene group and the copolymer of oxyethylene and oxypropylene in a solvent containing acetone or methyl ethyl ketone;

adding and dissolving in the solution the one or two or more selected from the group consisting of ethyl cellulose, hydroxypropyl methylcellulose phthalate, and an acrylic resin emulsion; and

adding and dissolving in the solution the antifungal compound represented by the general formula (1) and/or the physiologically acceptable salt thereof

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$$R$$
 $NC$ 
 $S$ 
 $R$ 
 $(1)$ 

wherein, R represents an alkyl group having 1 to 8 carbon atoms, a cycloalkyl group having 3 to 6 carbon atoms, a methylene group, a lower alkenyl group, a halogen atom, a lower alkyl group substituted with a lower alkoxy group or a lower alkylthio group, or a group represented by a general formula (2) below

$$(R_1)_m$$

wherein  $R_1$  represents a hydrogen atom, a halogen atom, a linear- or branchedchain lower alkyl group, a lower alkoxy group, a haloalkoxy group, or a methylenedioxy group, and m represents an integral number of 1 to 3;

wherein the content of the film-forming agent in the composition is 0.1 to 10% by weight in volume, and wherein, the content of water-soluble plasticizer is 1 to 10 folds with respect to the content of the film-forming agent, and the antifungal medicinal composition is configured to form a coating film when applied to an application target, the coating film being in a viscous glass state the coating film being maintained on a skin or nail surface at least 12 hours from drying after application, and the coating film being removable with water.

19. (Canceled)